



AETNAWALL.

PARTITIONING SYSTEMS

AETNA STEEL PRODUCTS CORPORATION, 730 FIFTH AVENUE, NEW YORK

**AETNAWALL
PARTITIONING SYSTEMS**

By
AETNA
STEEL PRODUCTS
CORPORATION
Manufacturer-
Contractor

Detailed in this catalog are basic Aetnawall partitioning types. The full scope of Aetnawall function and adaptability is as broad as architects', contractors' or office executives' requirements. Aetnawall stands ready to manufacture and install whatever designs are agreed upon with the competence and speed gained from a background of over 56 years in the hollow metal field. Use this catalog as reference in planning for partitioning and avail yourself of the specialized knowledge of an Aetnawall representative who will be glad to answer your questions and supply quotations.

Write or telephone: Aetna Sales,
Aetna Steel Products Corporation,
730 Fifth Avenue, New York 19, N. Y.
Judson 6-2525

AETNAWALL® INSTALLATION

Aetna Steel Products Corporation provides AETNAWALL installation service throughout the United States and Canada. Aetna field supervisors and their crews are trained specialists in movable partition installation work.

AETNAWALL-A

Extruded aluminum shapes with snap-on pilaster covers. Black reveal accent-strips frame insert panels.

AETNAWALL-T

Flush single-line joint partitioning, three inches thick; all steel, half glass, all glass.

AETNAWALL-PERSPEC®

Slender profiles, easy movability. Wide variety of elevation patterns. Custom versatility.

AETNAWALL-238

The standard most widely used flush-joint post-and-pilaster partitioning system.

AETNAWALL-B

Flush-joint three inches thick. Post and pilaster system. Office, laboratory and industrial use.

AETNAWALL-238-B



AETNAWALL-A

LEFT: POST COVER IS NATURAL FINISHED ANODIZED ALUMINUM, SNAP-ON. GLASS, STEEL OR WOOD PANELS ARE FRAMED WITH ALUMINUM ACCENT STRIP AND BLACK REVEAL. RIGHT: SLIDING-DOOR CLOSET UNITS TO CEILING. BYPASSING SLIDING DOORS. CONTINUOUS FORMED FINGER-GROOVE PULL ELIMINATES NECESSITY FOR APPLIED, PROTRUDING HANDLE HARDWARE. $\frac{3}{4}$ " THICK HOLLOW METAL CONSTRUCTION; SUSPENDED FROM OVERHEAD EXTRUDED ALUMINUM TRACK BY NYLON BALL BEARING ROLLERS.

Aetnawall-A, which comes in two design versions, is partition styling brought up to tomorrow. Utilizing aluminum at its structural and decorative best, this type of partitioning is being used by some of the nation's foremost business organizations. Aetnawall-A is a custom partition manufactured to any ceiling height. Ceiling heights exceeding 9'6" and panel widths greater than 5'0" are not recommended.



A



THE NATURAL ALUMINUM AND BLACK OF AETNAWALL-A COMBINES WITH A WIDE VARIETY OF COLOR SCHEMES IN INSERT PANELING AND DOORS. ARCHITECTS AND INTERIOR DESIGNERS WILL FIND THE AETNAWALL PAINT COLOR SWATCHBOOK HANDY IN COLOR SELECTION AND STYLING.

AETNAWALL PARTITIONING SYSTEMS

SPECIFICATIONS FOR AETNAWALL-A PARTITION

22a
Ae

A

SCOPE OF WORK: Furnish and install complete Aetna Steel Products Corporation's Aetnawall-A type partition as indicated on the plans and specified as follows:

SHOP DRAWINGS: Submit in triplicate drawings showing the complete plan layout with typical details and elevations, special conditions, hardware schedule, extent and type of glass, and extent and type of materials and colors of finish of the panel faces. Shop drawings must be approved by the Architect before proceeding with the work.

GENERAL DESIGN: Units shall be designed so that the partition may be extended in 2, 3 or 4 way directions from any post connection without disturbing any existing material or using fillers or adapters. Any unit shall be readily removable without disturbing the adjacent panels or the filler above, and shall be interchangeable with any Aetnawall-A unit of the same size. Panel unit width shall conform to the building module.

PANEL UNIT: Panels shall be 2" thick, fully packed with rock wool. Panel plates shall be 20 ga. steel with horizontal stiffeners 9" on center welded to back faces of panel plates with a double row of spot welds 3" on center. Panel plates shall be fully pickled cold rolled furniture stock sheet steel, stretcher levelled and free from visible surface defects.

POSTS: The structural vertical posts of the panel units shall be extruded sections of 6063-T5 aluminum, designed to lock to post of adjoining panels by means of positive acting link plates.

POST COVERS: Post covers shall be extruded sections of 6063-T6 aluminum, designed to snap on and off readily without distortion. Post covers shall be fitted neatly against the floor and ceiling.

RAILS: Rails shall be 18 ga. steel rolled shape. Flat trim of extruded sections of 6063-T5 aluminum shall be applied to faces of transom rails.

BASE: Base shall be an 18 ga. steel rolled shape in panel unit lengths to fit neatly between post covers. Base shall be designed to accommodate unevenness in the floor, and shall be readily removable from either side.

TOP FILLERS: Top filler closures shall be of recessed steel construction adjustable to unevenness in ceiling and shall be readily removable.

DOORS AND FRAMES: Doors shall be of 18 ga. steel, hollow metal construction, flush design, 1 3/4" thick. Faces and vertical edges of doors shall be smooth and shall have no visible grooves nor unfilled joints. Doors requiring lights of glass shall have flush square glazing stops on room side only. Glazing stops shall be removable by small counter-sunk Phillips head screws to assure easy replacement of glass.

Door frames shall be of 18 ga. steel rolled shapes and shall be floating type to allow for shimming and leveling of the partition independently of the frame. Doors and frames shall be provided with proper mortises, cutouts and reinforcements for any specified hardware.

HARDWARE: Unless otherwise specified, hardware shall be Aetnawall manufacturer's standard: one heavy duty cylindrical type latchset interchangeable with locksets of different operations, one pair of 4 1/2 x 4 1/2 ball bearing button tip butts, and one floor stop per door.

FINISH: Aluminum posts shall be anodized with a matte black "as extruded" finish. Post covers and rail trim shall be anodized in natural finish to standard specification No. 204-C1.

All surfaces of steel panels and parts shall be thoroughly degreased, clean and dry before painting. All surfaces of panels and parts shall receive a prime coat of oven-baked enamel. An oven-baked synthetic enamel finish coat of matte black shall be applied to all exposed surfaces except panel plates. Panel plates shall be finished in color as selected.

GLASS AND GLAZING: Glass for partitions and top fillers shall be furnished and installed by the partition contractor. Glass shall be as specified by the Architect. Glass shall be installed in neatly fitted aluminum channels of natural finish.

ERECTION: All metal partitions shall be erected in a workman-like manner, straight and plumb, with all horizontal lines level. Partitions shall be neatly scribed to fit existing building conditions. Hardware shall be properly adjusted and left in perfect working order.

CLEANING: All wrappings and waste shall be removed and the premises left broom clean. Finger marks shall be removed from the partition and construction marks and scratches neatly touched-up. Cleaning glass, washing partition and removing erection dust shall be performed by others.

GUARANTEE: All work shall be guaranteed for a period of one year against defective material and workmanship.



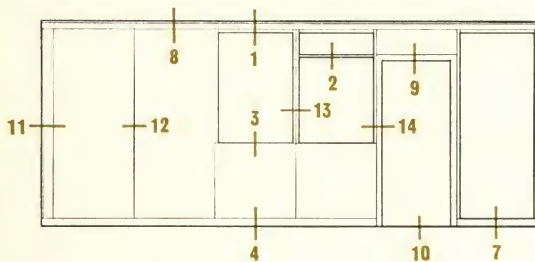


AETNAWALL-T

Aetnawall-T is the pioneer single-line-joint partitioning. Sixteen miles of it are used in a single office building in New York. More and more, Aetnawall-T is being specified in place of masonry and plaster. Its advantages include speed of original installation, re-useability of components, time saved in making space-division changes for tenants, lesser thickness (compared with masonry and plaster) resulting in floor-space savings.

AETNAWALL-T IS SHOWN HERE WITH TRANSLUCENT GLASS, FLOOR TO CEILING. IT IS ALSO AVAILABLE IN HALF-GLASS AND ALL-STEEL.

T

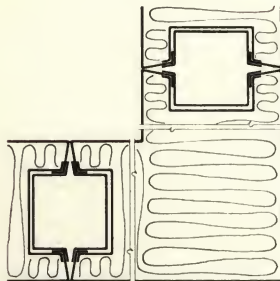
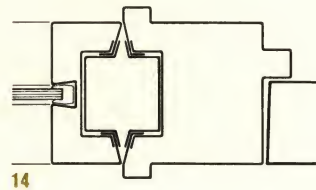
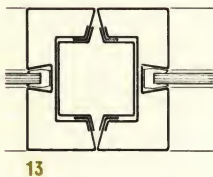
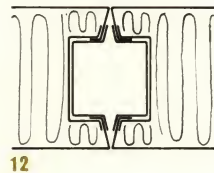


STANDARD HEIGHTS

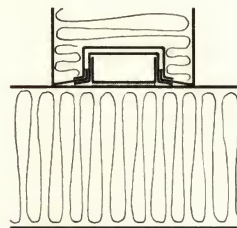
Cornice high partitions...7'4"
Ceiling high partitions (non stock)
As required. Check style.

STANDARD PANEL WIDTHS

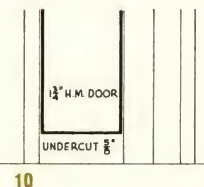
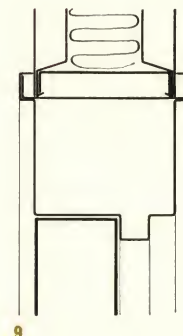
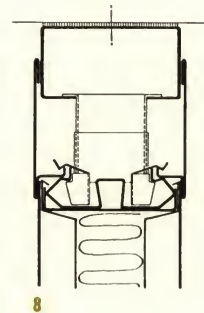
All steel panels...6" to 42" in 3" increments
Steel and glass panels...12" to 60" in 3" increments
Door opening size...2'6" 3'0" 3'6" 5'6"
End filler width...4" to 18"



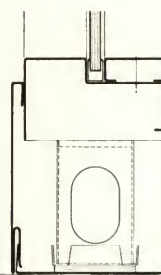
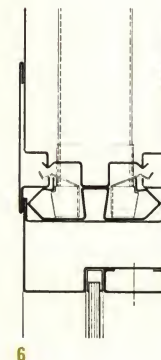
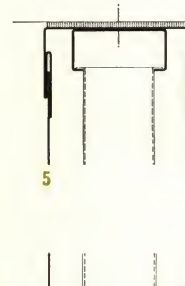
CORNER



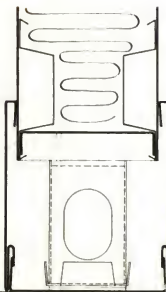
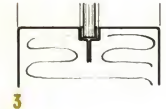
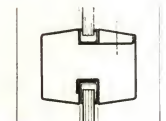
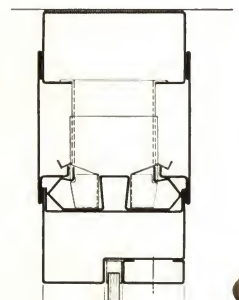
3-WAY



10



7



4

DETAILS: 1/4 F.S.

AETNAWALL PARTITIONING SYSTEMS



SPECIFICATIONS FOR AETNAWALL-T

SCOPE OF WORK: Furnish and install complete Aetna Steel Products Corporation's 3" thick flush Aetnawall partition, as indicated on the plans and specified as follows:

SHOP DRAWINGS: Submit in triplicate drawings showing the complete plan layout with typical details and elevations, special conditions, hardware schedule, extent and type of glass and extent and colors of finish. Shop drawings must be approved by the Architect before proceeding with the work.

GENERAL DESIGN: Units shall be designed so that the partition may be extended in 2, 3, or 4 way directions from any post connection without disturbing any existing material or using fillers or adapters. Any unit shall be readily removable without disturbing the adjacent panels and shall be interchangeable with an Aetnawall unit of the same size. The partition shall have flat panel surfaces with only one vertical flush hairline joint defining each post connection.

MATERIALS: Steel shall be full pickled, cold rolled furniture steel, stretcher levelled and free from visible surface defects. All gauges referred to herein are U. S. Standard.

PANEL UNIT: Panel units shall be 3" thick, fully packed with rock wool, and shall effect a sound transmission loss of no less than 45 decibels. Panel plates shall be 20 ga. steel with horizontal stiffeners 9" on center welded to back face of panel plates with a double row of spot welds 3" on centers.

POSTS: The structural vertical posts of the panel unit shall be 18 ga. rolled shape, formed at the bottom to permit wiring behind the base.

GLAZED PARTITION RAILS: Top rails and transom rails shall be 20 ga. rolled shapes. Glazing mouldings shall be removable for easy replacement of glass.

BASE: Base shall be an 18 ga. rolled shape continuous, without plinths. Base on both sides shall be independently adjustable to unevenness in floor and shall be removable from both sides for access to wiring. Base shall be 4" high with smooth flat surface, free horizontal lines or grooves and shall have 1/4" projection.

CORNICE: Cornice shall be 20 ga. rolled steep shape 3" high, designed as trim to snap on both sides of partition. Cornice pieces shall be adjustable to unevenness in ceiling and shall be readily removable for access to wire space between top of panel and ceiling channel.

END FILLERS: End fillers to columns, walls or partitions other than Aetnawall shall be a pair of 20 ga. sheets, flush with the partition and packed with rock wool. End filler sheets shall be field scribed to job conditions, and fit snugly into a channel securely anchored to the wall.

TOP FILLERS: Double steel for fillers shall extend from cornice to ceiling where required. Top fillers shall be 20 ga. flush steel plates both sides with vertical single line joint uniformly spaced and shall be factory finished. Steel top filler shall be packed with rock wool and shall be readily removable.

DOORS AND FRAMES: Doors shall be of 18 ga. steel, hollow metal construction, flush design, 1 3/4" thick. Faces

and vertical edges of doors shall be smooth and shall have no visible grooves nor unfilled joints. Doors requiring lights of glass shall have flush square glazing stops on room side only. Glazing stops shall be removable by small countersunk Phillips head screws to assure easy replacement of glass.

Door frames shall be of 18 ga. rolled shape having a projection from the face of the partition panel sufficient to permit the base to butt against the jambs without the use of plinths. Door frames shall be floating type to allow for shimming and levelling of the partition independently of the frame. The jambs and head shall be equipped with continuous rubber cushioned stops.

Doors and frames shall be provided with proper mortises, cutouts and reinforcements for any specified hardware.

HARDWARE: Unless otherwise specified, hardware shall be Aetnawall manufacturer's standard: one heavy duty cylindrical type latchset interchangeable with locksets of different operations, one pair of 4 1/2" x 4 1/2" ball bearing, button tip butts and one floor stop per door.

PAINT FINISH: All surfaces of panels and parts shall be thoroughly degreased, clean and dry before painting. All surfaces of panels and parts shall receive a prime coat of oven-baked enamel. An oven-baked synthetic enamel finish coat, color as specified, shall be applied to all exposed surfaces. (See AETNAWALL Color Guide for suggested range of colors.)

GLASS AND GLAZING: Glass for partitions shall be furnished and installed by partition contractor. Glass shall be as specified or called for on drawings and be installed in neatly fitted aluminum channels of natural finish.

ERECTION: All metal partitions shall be erected in a workman-like manner, straight and plumb, with all horizontal lines level. Partitions shall be neatly scribed to fit existing building conditions. Hardware shall be properly adjusted and left in perfect working order.

CLEANING: All wrappings and waste shall be removed and the premises left broom clean. Finger marks shall be removed from the partition and construction marks and scratches neatly touched-up. Cleaning glass, washing partition and removing erection dust shall be performed by others.

GUARANTEE: All work shall be guaranteed for a period of one year against defective materials and workmanship.

ELECTRIC WIRING DATA: Aetnawall metal partitions have through-ways for electrical wiring in the base, cornice and door frames. Rigid conduit entering Aetnawall partitions from the floor should be located along the centerline of the partition at least 6" from any post. Conduit connections to flexible cable can be readily made within the base with elbow connectors or handy size junction boxes.

Aetnawall partition is designed to accommodate standard outlet boxes, standard wiring devices and escutcheon plates. No special boxes are required. Switches can be located in the door jambs at any desired height from the floor. Outlets can be located in the base. All electrical wiring devices, boxes, escutcheons, conduit, wiring and connections, etc., are furnished and installed by others.



AETNAWALL-PERSPEC

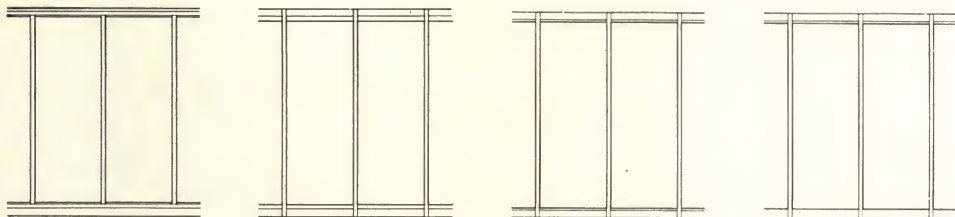
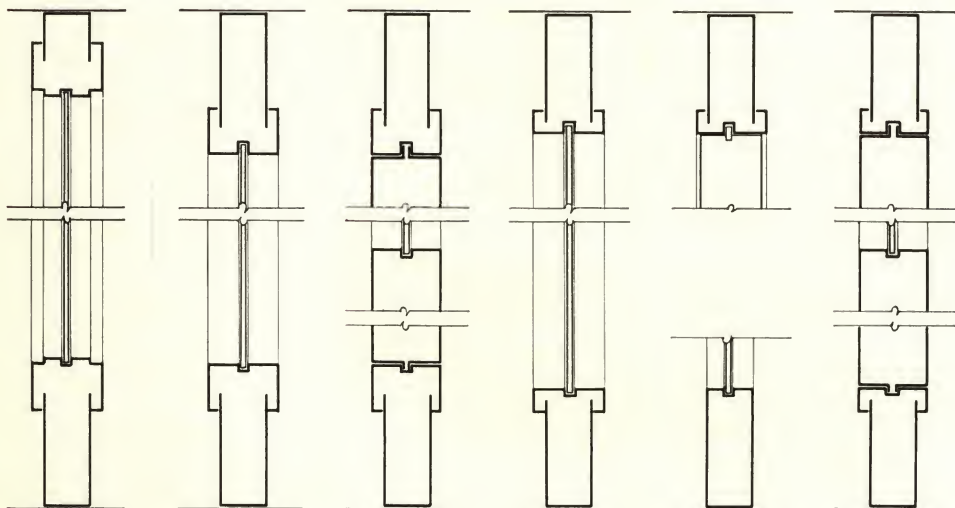
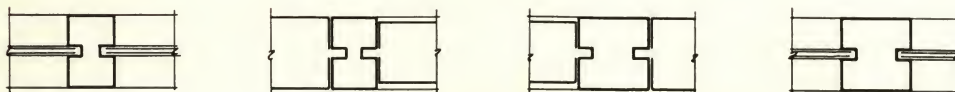
Perspec is one of the most significant forward steps in partition design that the trade has known for many years. The variety of materials that can be used for insert panels—wood, steel, fabric surfacing, etc.—gives the architect or interior designer working with Perspec an unusual opportunity to achieve custom individuality. Drawings will be prepared by Aetna Steel Products Corporation in cooperation with the architect.



ILLUSTRATIONS ON THESE PAGES SHOW ONLY A FEW OF THE MANY WAYS IN WHICH VERSATILE AETNAWALL-PERSPEC PARTITIONING HAS BEEN USED BY ARCHITECTS AND INTERIOR DESIGNERS. A TWO-INCH WIDE CLEAN VERTICAL POST PROVIDES MODERN SLIM STYLING.

P

DETAILS: $\frac{1}{8}$ F.S.



AETNAWALL PERSPEC is a custom partition manufactured to any ceiling height and to any panel width. Ceiling heights greater than 10'0" and panel widths greater than 5'0" are not recommended. From a variety of standard parts, the designer can create his own combination of vertical and horizontal lines with flush or recessed panels.

SPECIFICATIONS FOR AETNAWALL-PERSPEC

GENERAL: Furnish and install PERSPEC partitions as indicated on architect's drawings. Partition panels shall be arranged in modular widths as required by the layout. Door units shall be interchangeable with panel units of like widths. End fillers at walls shall be insulated. Construction of panels shall permit two, three or four way connection without disturbing adjacent units.

SHOP DRAWINGS: Shop drawings, in triplicate, shall be furnished for approval before proceeding with work.

MATERIALS: All materials shall be of the best quality. All structural members shall be of steel. All gauges are U.S. Standard and are the minimum acceptable. All steel shall be free from visible surface defects.

POSTS: Posts shall be formed of 16 ga. steel integral with panel and designed to lock to post of adjoining panels by means of a positive acting link plate.

POSTCOVERS: Post covers shall be formed of 18 ga. steel of snap-on type, permitting easy removal for electrical wiring and replacement without damage. The face width shall be 2" or 3" as desired.

PANELS: Panel plates shall be of 20 ga. cold rolled stretcher levelled steel, reinforced with steel stiffeners welded to panel plates on 9" centers by a double row of spot welds on 3" centers. Panels shall be packed with inorganic filler to form a firm backing and insulation. Panel plates shall be 3" apart (flush with post covers), or 2 $\frac{3}{8}$ " apart (recessed back of post covers) as desired.

RAILS: Rails shall be of 18 ga. cold rolled steel. Rails shall have a face width of $\frac{7}{8}$ ", 1 $\frac{1}{8}$ " or 2" as desired.

BASE: Base shall be formed of 18 ga. cold rolled steel with vertical adjustment to floor and be independently removable on either side for easy access to wiring raceway. Base shall be recessed $\frac{1}{2}$ " on both sides of partition.

TOP FILLER: Top fillers shall be of recessed steel construction neatly scribed to ceiling. Where specified, fillers shall be packed with sound insulating material.

END FILLERS: End fillers shall be of 20 ga. steel double construction, insulated, securely anchored to walls, and shall permit adjustment and alteration to various conditions.

DOORS: Doors shall be of hollow metal construction, flush design. No grooves or unfilled joints shall appear on door surfaces. Clearance between door and door frame to be not more than $\frac{3}{32}$ ". Provide proper mortises and reinforcements for all types of hardware application.

HARDWARE: Unless otherwise specified, hardware shall be partition manufacturer's standard: one heavy duty cylindrical latchset interchangeable with locksets of different operations, one pair of 4 $\frac{1}{2}$ " x 4 $\frac{1}{2}$ " ball bearing—button tip butts and one floor stop per door.

FINISH: All surfaces shall be thoroughly degreased and dry before application of finish. All surfaces shall receive a pre-assembly coat of rust-resisting paint baked on. After assembly, finish of color specified shall be applied to all surfaces horizontally and vertically to insure proper coverage.

GLASS AND GLAZING: Glass for partitions shall be furnished and installed by partition contractor. Glass shall be as specified or called for on drawings. Glass shall be installed in neatly fitted aluminum channels of natural finish.

ERECTION: All metal partitions shall be erected in a workman-like manner, straight and plumb, with all horizontal lines level. Partitions shall be neatly scribed to fit existing building conditions. Hardware shall be properly adjusted and left in perfect working order.

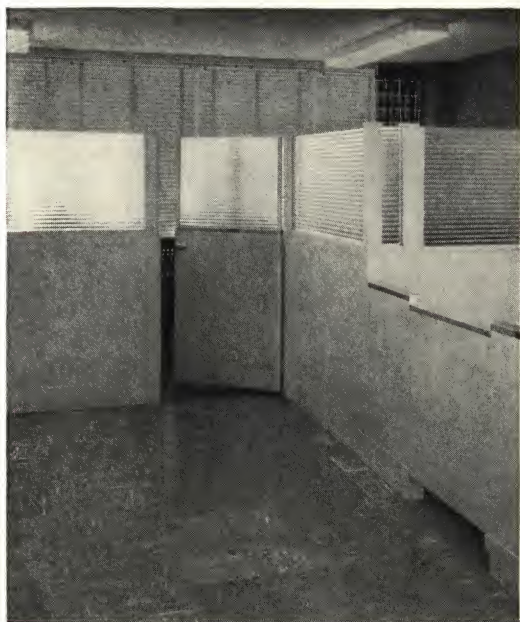
CLEANING: Wrappings and waste shall be removed and the premises left broom clean. Finger marks shall be removed from the partition; construction marks and scratches shall be neatly touched up. Cleaning glass, washing partition and removing erection dust shall be performed by others.

GUARANTEE: All work shall be guaranteed for a period of one year against defective materials and workmanship.

ELECTRIC WIRING DATA: Vertical members, top filler and base shall be designed to be readily accessible for installation of electrical wiring.

Wiring may enter partition thru the ceiling by means of bx cable at post centers only. Holes thru partition ceiling channel are cut on job by partition mechanics to admit cable. Wiring may enter partition thru floor by means of rigid conduit with connectors to bx cable located as close to floor as possible within base. Conduit stubs should not be closer than 6" to any post and must be on centerline of partition. Holes thru partition floor channel are cut on job by partition mechanics to accommodate conduit stubs.





CORRIDOR IN FULL-PAGE ILLUSTRATION AT LEFT SHOWS 7' HIGH STEEL AND GLASS PANELS BOTH WITH AND WITHOUT TOP FILLER. ABOVE: 5'7" GLAZED RAIL WITH FLUTED GLASS. BELOW: 3' HIGH RAILING WITH GATE.

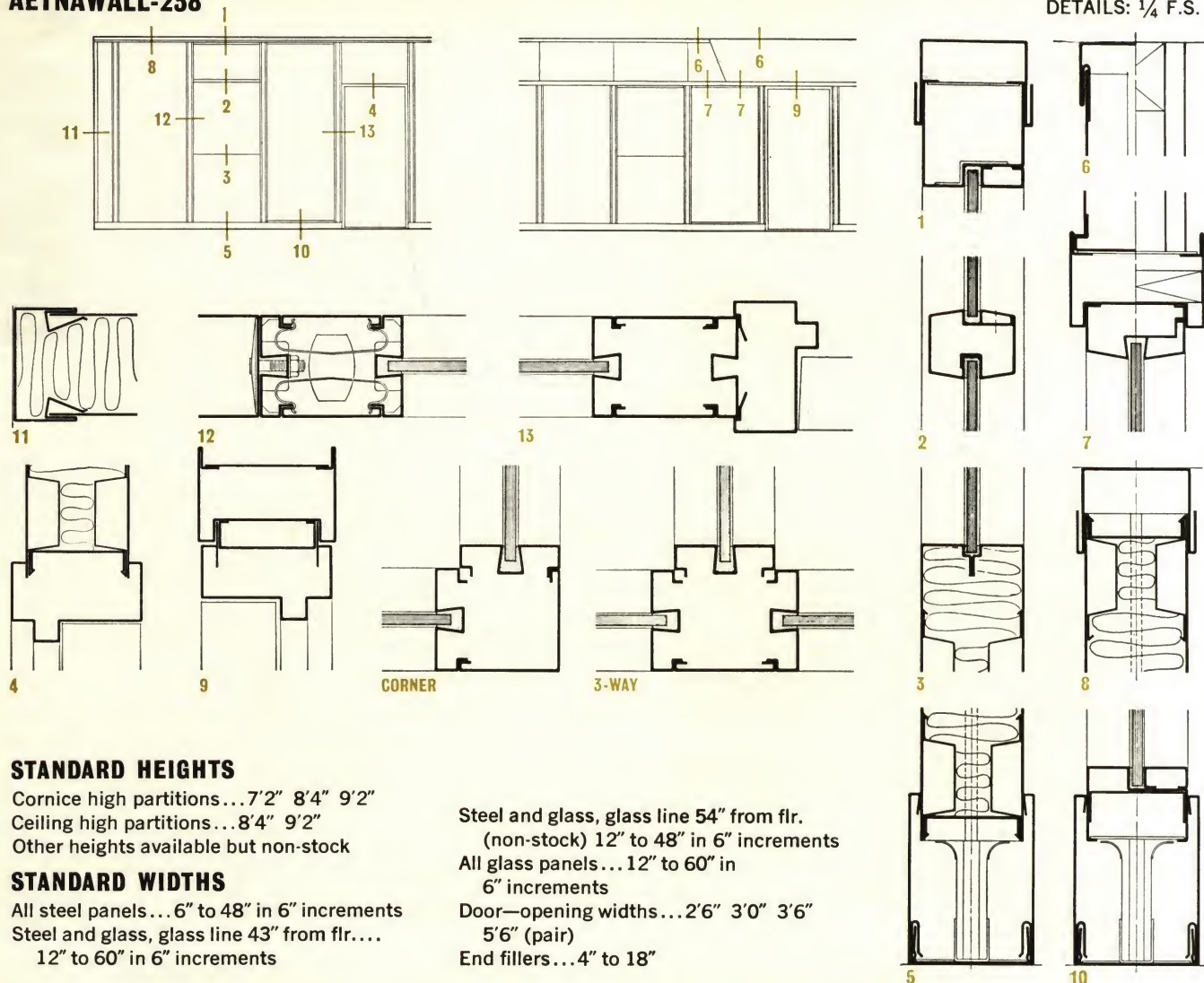
AETNAWALL-238

The design and engineering of Aetnawall-238 are the result of long years of experience with movable partitions. All improvements in this Aetnawall category over the years have been made with partitioning's three outstanding requirements in mind—flexibility of performance in dividing space, speed in installation, re-useability.



AETNAWALL-238

DETAILS: 1/4 F.S.



STANDARD HEIGHTS

Cornice high partitions...7'2" 8'4" 9'2"

Ceiling high partitions...8'4" 9'2"

Other heights available but non-stock

STANDARD WIDTHS

All steel panels...6" to 48" in 6" increments

Steel and glass, glass line 43" from flr....

12" to 60" in 6" increments

Steel and glass, glass line 54" from flr.

(non-stock) 12" to 48" in 6" increments

All glass panels...12" to 60" in

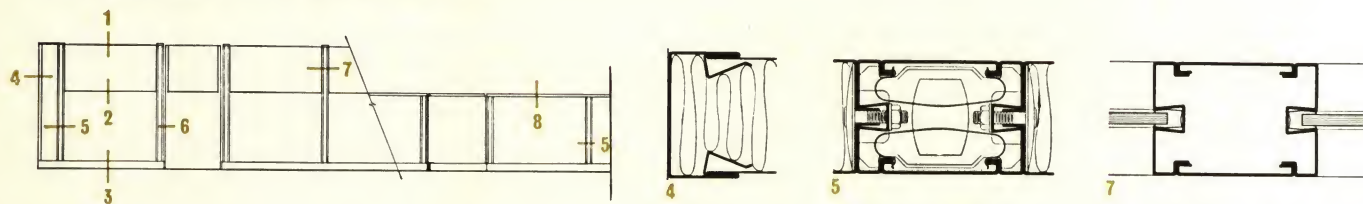
6" increments

Door—opening widths...2'6" 3'0" 3'6"

5'6" (pair)

End fillers...4" to 18"

RAILINGS AND GLAZED RAILINGS



GLAZED RAIL

Standard height...5'7"

Standard panel widths...12" to 72"

in 6" increments

Gate opening width...2'7 1/2"

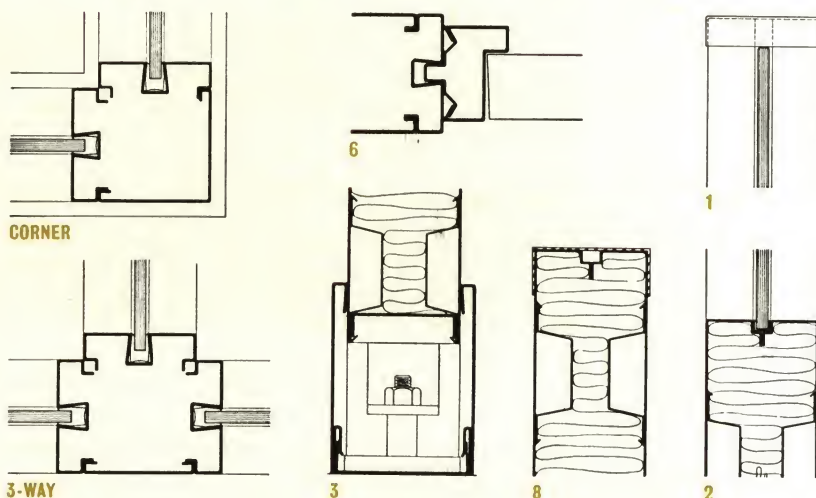
RAIL

Standard heights...3'0" 3'6"

Standard panel widths...6" to 72"

in 6" increments

Gate opening width...2'7 1/2"



SPECIFICATIONS FOR AETNAWALL-238

SCOPE OF WORK: Furnish and install complete Aetnawall Standard $2\frac{3}{8}$ " thick flush partition, as indicated on plans and specified as follows:

SHOP DRAWINGS: Submit in triplicate drawings showing the complete plan layout with typical details and elevations, special conditions, hardware schedule, extent and type of glass and extent and color of finish. Shop drawings must be approved by architect before proceeding.

GENERAL DESIGN: Units shall be designed so that the partition may be extended in 2, 3 or 4 way directions from any post connection without disturbing any existing material or using fillers or adapters. Any unit shall be readily removable, without disturbing adjacent panels or filler above, and interchangeable with an Aetnawall unit of the same size. The partition shall have flat panel surfaces with a maximum of four vertical flush hairline joints defining each post connection.

MATERIALS: Steel shall be full pickled, cold rolled furniture steel, stretcher levelled and free from visible surface defects. Gauges referred to herein are U. S. Standard.

PANEL UNIT: Panel units shall be $2\frac{3}{8}$ " thick, fully packed with rock wool, and effect a sound transmission loss of no less than 45 decibels. Panel plates shall be 20 ga. steel with horizontal stiffeners 9" on center welded to back face of panel plates with a double row of spot welds 3" on centers.

POSTS: The structural vertical posts of the panel unit shall be No. 18 ga. rolled shape, flush with panel plates and designed to lock to post of adjoining panels by means of positive acting link plates. Posts shall be formed at bottom to permit continuous lay-in wiring behind the base.

POST COVERS: Post covers shall be 18 ga. rolled shape designed to snap on and off readily without distortion. Post covers shall be flush with posts and panel plates.

GLAZED PARTITION RAILS: (Omit for Railing and Glazed Railing.) Top rails and transom rails shall be 18 ga. rolled shapes. Removable glazing mouldings shall be applied with small countersunk Phillips head screws to assure positive positioning and easy replacement of glass.

BASE: Base shall be an 18 ga. rolled shape continuous, without plinths. Base on both sides shall be independently adjustable to unevenness in floor and removable from both sides for access to lay-in wiring. Base shall be 4" high with smooth flat surface, free from horizontal lines or grooves and have $\frac{1}{4}$ " projection. If 6" high base is desired, so specify.

CORNICE: (Omit for Railing and Glazed Railing) Cornice shall be 16 ga. rolled steel shape $2\frac{1}{4}$ " high with smooth flat surfaces free from horizontal lines or grooves, and project no more than $\frac{3}{8}$ " from face of partition panels. Cornice shall be designed to receive either a double steel top filler or a double $\frac{3}{8}$ " thick mineral board top filler as specified. A concealed pull-up and alignment device of 12 ga. steel shall be provided for each field splice.

END FILLERS: End fillers to columns, walls or partitions other than Aetnawall, shall be a pair of 20 ga. sheets, flush with partition and packed with rock wool. End filler sheets shall be field scribed to job conditions and fit snugly into a channel securely anchored to wall.

TOP FILLERS: Where double mineral board is specified, top filler shall be $\frac{3}{8}$ " thick mineral board applied to both sides of studs

spaced 24" on center, extending from top of partition cornice to ceiling. Taping joints, spackling, and painting shall be by others. Where double steel is specified, top filler shall be 20 ga. flush steel plates both sides with vertical single-line joint uniformly spaced and factory finished. Steel top filler shall be packed with rock wool and readily removable. Full height floor-to-ceiling panels shall telescope into a continuous fixed ceiling channel securely fastened to suspended ceiling system.

DOORS AND FRAMES: Doors shall be of 18 ga. steel, hollow metal construction, flush design, $1\frac{3}{4}$ " thick. Faces and vertical edges of doors shall be smooth and have no visible grooves nor unfilled joints. Doors requiring lights of glass shall have flush square glazing stops on room side only. Glazing stops shall be removable by small countersunk Phillips head screws to assure easy replacement of glass. Door frames shall be of 18 ga. rolled shape having a projection from face of partition panel sufficient to permit base to butt against the jambs without use of plinths. Door frames shall be floating type to allow for shimming and leveling of the partition independently of the frame. Doors and frames shall be provided with proper mortises, cutouts and reinforcements for any specified hardware.

HARDWARE: Unless otherwise specified, hardware shall be Aetnawall manufacturer's standard: one heavy duty cylindrical type latchset, interchangeable with locksets of different operations, one pair of $4\frac{1}{2}$ x $4\frac{1}{2}$ ball bearing button tip butts and one floor stop per door.

PAINT FINISH: All surfaces of panels and parts shall be thoroughly degreased, clean and dry before painting. All surfaces of panels and parts shall receive a prime coat of oven-baked enamel. An oven-baked synthetic enamel finish coat, color as specified, shall be applied to all exposed surfaces. (See AETNAWALL Color Guide.)

GLASS AND GLAZING: Glass for partitions shall be furnished and installed by partition contractor. Glass shall be as specified or called for on the drawings. Glass shall be bedded in non-hardening putty and back puttied. Putty color shall match color of partition.

ERECTION: Partitions shall be erected in a workman-like manner, straight and plumb, with all horizontal lines level. Partitions shall be neatly scribed to fit existing building conditions. Hardware shall be properly adjusted and left in perfect working order.

CLEANING: All wrappings and waste shall be removed and premises left broom clean. Finger marks shall be removed from partition and construction marks and scratches neatly touched-up. Cleaning glass, washing partition and removing erection dust shall be performed by others.

GUARANTEE: All work shall be guaranteed for a period of one year against defective materials and workmanship.

ELECTRIC WIRING DATA: Aetnawall metal partitions have throughways for electrical wiring in the base, cornice and posts. The minimum wireway clearance will accommodate one $\frac{3}{4}$ " Greenfield flexible conduit or three BX 3-wire cables. Aetnawall partition is designed to accommodate standard $1\frac{1}{2}$ " deep, shallow handy boxes, standard wiring devices and escutcheon plates. No special boxes are required. Outlets and switches can be located in vertical posts at any desired height from floor. All electrical wiring devices, boxes, escutcheons, conduit, wiring and connections, etc., are furnished and installed by others.

SPECIFICATIONS FOR RAILINGS AND GLAZED RAILINGS

Specifications for Aetnawall-238 partition applies to Aetnawall railing and glazed railing, except that non-pertinent paragraphs such as cornice, top fillers, etc., shall not apply.

SUPPLEMENT TO PARAGRAPH 3: GENERAL DESIGN Railing and glazed railing shall be rigidly secured to floor with completely concealed anchors. No portion of floor anchor shall project the base. Anchor shall provide for concealed fish wiring. Glazed Railing shall be designed so that glazed portion is an integral part of each panel unit. Glazed railing units shall be readily movable without disturbing glass or requiring reglazing.

SUBSTITUTE FOR PARAGRAPH 13: GATES AND JAMBS All gates shall be of 18 ga. steel hollow metal construction, flush design, $1\frac{3}{8}$ " thick. Gates and jambs shall be provided with proper mor-

tises, cutouts and reinforcements for any specified hardware.

SUBSTITUTE FOR PARAGRAPH 14: HARDWARE Unless otherwise specified, hardware for Glazed Railing gates shall be partition manufacturer's standard cylindrical type lockset and one pair of $3\frac{1}{2}$ " x $3\frac{1}{2}$ " butts per gate. Unless otherwise specified, hardware shall be partition manufacturer's standard self-centering checking hinge and a continuous stainless steel cap on the top edge of the gate.

GLASS AND GLAZING: Glass for partitions shall be furnished and installed by partition contractor. Glass shall be as specified or called for on drawings. Glass shall be installed in neatly fitted aluminum channels of natural finish. Exposed top edge of glass shall be ground and chamfered.





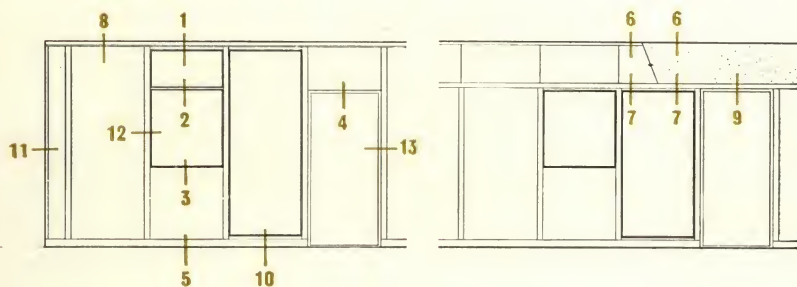
AETNAWALL-B

Three-inch thick Aetnawall-B satisfies the requirement, frequently found in specifications, for extra thickness in post-and-pilaster steel partitioning. This partitioning type, which meets federal specifications, is especially in demand for laboratory and industrial applications as well as in offices.

LEFT-HAND PAGE: FLUSH, ALL-STEEL PARTITION, 7' HIGH WITH STEEL TOP FILLER; 6" HIGH BASE. ABOVE: 7' HIGH, STEEL AND GLASS, GLASS TOP FILLER. LOWER RIGHT: GLAZED RAILING (5'7"); STEEL, 3'7". CASEWORK BY AETNA STEEL PRODUCTS CORPORATION BUILT INTO STANDARD AETNAWALL RAIL.



B



STANDARD HEIGHTS

Cornice high partitions...7'2" 8'4" 9'2"

Ceiling high partitions...8'4" 9'2"

Other heights available but non stock

STANDARD WIDTHS

All steel panels...6" to 48" in 6" increments

Steel and glass, glass line 43" from flr.

12" to 60" in 6" increments

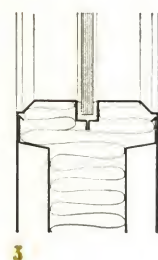
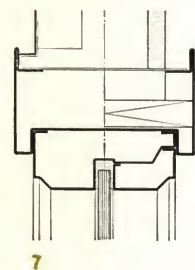
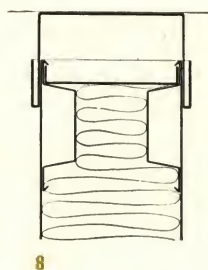
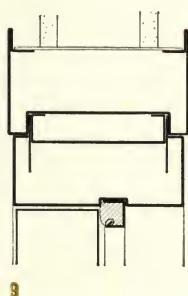
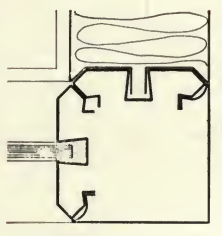
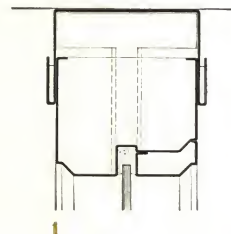
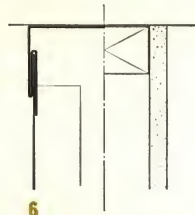
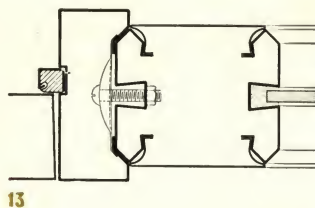
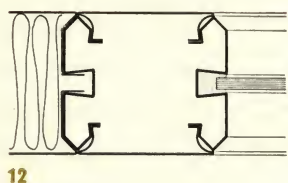
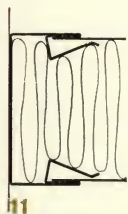
Steel and glass, glass line 54" from flr.

(non stock) 12" to 48" in 6" increments

All glass panels...12" to 60" in 6" increments

Doors, opening widths...2'6" 3'0" 3'6" 5'6" (pr.)

End fillers...4" to 18"



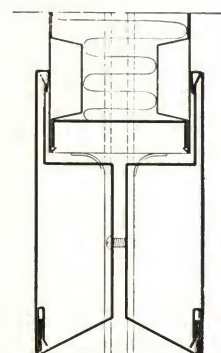
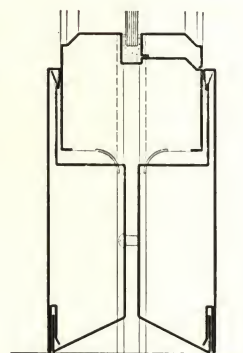
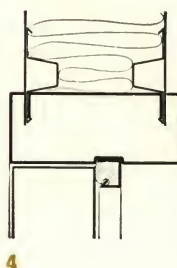
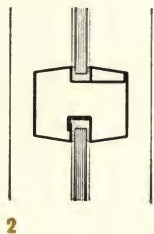
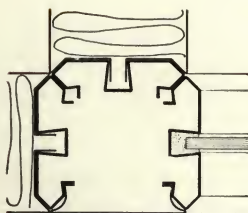
CORNER

9

8

7

3



3-WAY

2

4

10

5

DETAILS: 1/4 F.S.

SPECIFICATIONS FOR AETNAWALL-B PARTITION

22a
Ae

B

SCOPE OF WORK: Furnish and install complete the Aetna Steel Products Corporation's Standard 3" thick flush Aetnawall partition, as indicated on the plans and specified as follows:

SHOP DRAWINGS: Submit in triplicate drawings showing complete plan layout with typical details and elevations, special conditions, hardware schedule, extent and type of glass and extent and colors of finish. Shop drawings must be approved by Architect before proceeding with the work.

GENERAL DESIGN: Units shall be designed so that partition may be extended in 2, 3 or 4 way directions from any post connection without disturbing existing material or using fillers or adapters. Any unit shall be readily removable without disturbing adjacent panels or filler above, and shall be interchangeable with an Aetnawall unit of same size. Partition shall have flat panel surfaces with a maximum of two vertical flush hairline joints defining each post connection.

MATERIALS: Steel shall be full pickled, cold rolled furniture steel, stretcher levelled and free from visible surface defects. All gauges referred to herein are U. S. Standard.

PANEL UNIT: Panel units shall be 3" thick, fully packed with rock wool, and shall effect a sound transmission loss of no less than 45 decibels. Panel plates shall be 20 ga. steel with horizontal stiffeners 9" on center welded to back face of panel plates with a double row of spot welds 3" on centers.

POSTS: The structural vertical posts of the panel unit shall be 16 ga. rolled shape, designed to lock to post of adjoining panels by means of positive acting link plates. Posts shall be formed at the bottom to permit continuous lay-in wiring behind the base.

POST COVERS: Post covers shall be 18 ga. rolled shape designed to snap on and off readily without distortion. Post covers shall be flush with panel plates.

GLAZED PARTITION RAILS: Top rails and transom rails shall be 18 ga. rolled shapes. Glazing mouldings shall be removable for easy replacement of glass.

BASE: Base shall be an 18 ga. rolled shape continuous, without plinths. Base on both sides shall be independently adjustable to unevenness in floor and be removable from both sides for access to lay-in wiring. Base shall be 4" high with smooth flat surface, free from horizontal lines or grooves and have 1/4" projection. If 6" high base in unit lengths, with plinths, is desired, so specify.

CORNICE: Cornice shall be 16 ga. rolled steel shape 3" high with smooth flat surfaces free from horizontal lines or grooves, and shall project no more than 3/8" from face of partition panels. Cornice shall be snap-on type designed to be readily removable for access to wire space between top of panel and ceiling channel.

CEILING CHANNEL: Ceiling channel shall be 18 ga. steel, backed up by a neoprene gasket, securely fastened to rigid ceiling in continuous lengths. Post extensions shall be anchored to the ceiling channel and shall be designed to engage the back of the glazing groove of the posts and slide freely in vertical direction to accommodate deflection of ceiling.

END FILLERS: End fillers to columns, walls or partitions other than Aetnawall shall be a pair of 20 ga. sheets, flush with the partition and packed with rockwool. End filler sheets shall be field scribed to job conditions, and fit snugly into a channel securely anchored to wall.

DOORS AND FRAMES: Doors shall be 18 ga. steel, hollow metal construction, flush design, 1 3/4" thick. Faces and vertical edges of doors shall be smooth and shall have no visible grooves or unfilled joints. Doors requiring lights of glass shall have flush square glazing stops on room side only. Glazing stops shall be removable by small countersunk Phillips head screws to assure easy replacement of glass. Door frames shall be 18 ga. rolled shape having a projection from the face of partition panel sufficient to permit base to butt against the jambs without use of plinths. Door frames shall be floating type to allow for shimming and levelling of the partition independently of the frame. The jambs and head shall be equipped with continuous rubber cushioned stops. Doors and frames shall be provided with proper mortises, cutouts and reinforcements for any specified hardware.

HARDWARE: Unless otherwise specified, hardware shall be Aetnawall manufacturer's standard: one heavy duty cylindrical type latchset, interchangeable with locksets of different operations, one pair 4 1/2" x 4 1/2" ball bearing button tip butts and one floor stop per door.

PAINT FINISH: All surfaces of panels and parts shall be thoroughly degreased, clean and dry before painting. All surfaces of panels and parts shall receive a prime coat of oven-baked enamel. An oven-baked synthetic enamel finish coat, color as specified shall be applied to all exposed surfaces. (See Aetnawall Color Guide).

GLASS AND GLAZING: Glass for partitions shall be furnished and installed by partition contractor. Glass shall be as specified or called for on the drawings. Glass shall be bedded in non-hardening putty and back puttied. Putty color shall match color of partition.

ERECTION: All metal partitions shall be erected in a workman-like manner straight and plumb, with all horizontal lines level. Partitions shall be neatly scribed to fit existing building conditions. Hardware shall be properly adjusted and left in perfect working order.

CLEANING: All cuttings and waste shall be removed and the premises left broom clean. Finger marks shall be removed from the partition and construction marks and scratches neatly touched up. Glass and erection dust shall be cleaned by others.

GUARANTEE: All work shall be guaranteed for a period of one year against defective materials and workmanship.

ELECTRICAL WIRING DATA: Aetnawall metal partitions have through-ways for electrical wiring in the base, cornice and posts. The minimum wireway clearance will accommodate one 3/4" Greenfield flexible conduit and three BX 3-wire cables. Aetnawall 3" partition is designed to accommodate standard 1 1/2" shallow handy boxes, standard wiring devices and escutcheon plates. No special boxes are required. Outlets and switches can be located in the vertical posts at any desired height from floor. All electrical wiring devices, boxes, escutcheons, conduit, wiring, connections, etc. are furnished and installed by others unless otherwise specified.



AETNAWALL.

PARTITIONING SYSTEMS

AETNA STEEL PRODUCTS CORPORATION, 730 FIFTH AVENUE, NEW YORK

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